



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

June 01, 2017

Edward T. Barnhouser
PO Box 850
Laurel, MD 20725

RE: Fairfax Materials, Inc.
Ours Quarry Portable Screening Plant
Permit Application No. G40-C088
Plant ID No. 777-00143

Dear Mr. Barnhouser:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C088 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Collin Sumpter collin@aggmgt.com

West Virginia Department of Environmental Protection
Jim Justice *Division of Air Quality*
Governor

Austin Caperton
Cabinet Secretary

Class II General Permit G40-C Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C088

Issued to:
Fairfax Materials, Inc.
Ours Quarry Portable Screening Plant
777-00143

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

William F. Durham
Director

Effective: June 01, 2017

This Class II General Permit Registration will supercede and replace: Not Applicable

Facility Location: Site 1 - Ours Quarry
 1996 Morgantown Road - Grant County
 Petersburg, WV 26847
 Site 2 – Scherr Quarry
 704 Old Scherr Road - Grant County
 New Creek, WV 26743
 Site 3 – Short Gap Quarry
 10676 Waxler Road - Mineral County
 Keyser, WV 26726

Mailing Address: PO Box 850, Laurel, MD 20725
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 212312

UTM Coordinates: Site 1 - Easting: 668.170 km Northing: 4329.107 km Zone: 17
 Site 2 - Easting: 658.231 km Northing: 4338.745 km Zone: 17
 Site 3 - Easting: 685.628 km Northing: 4378.745 km Zone: 17

Registration Type: Construction

Subject to 40CFR60 Subpart OOO? No
Subject to 40CFR60 Subpart IIII? Yes
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

- | | | |
|------------|--|-------------------------------------|
| Section 5 | Nonmetallic Mineral Processing Operations | <input checked="" type="checkbox"/> |
| Section 6 | Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO) | <input type="checkbox"/> |
| Section 7 | Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO) | <input type="checkbox"/> |
| Section 8 | Reciprocating Internal Combustion Engines (R.I.C.E.) | <input checked="" type="checkbox"/> |
| Section 9 | Tanks | <input type="checkbox"/> |
| Section 10 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) | <input checked="" type="checkbox"/> |
| Section 11 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ) | <input type="checkbox"/> |

Emission Units

Equipment ID No.	Date of Construction, Reconstruction or Modification	Description	Maximum Capacity		Control Equipment ¹
			TPH	TPY	
OT-1	2017	5.9 Cubic Yard Dump Hopper	400	1,536,000	UD-PW
OT-2	2017	Feeder	400	1,536,000	UD-PW
S-1	2017	Double Deck Scalping Screen	400	1,536,000	CS-PW
BC-1	2017	Belt Conveyor receives material from screen and transfers to open stockpile OS-1	133.3	512,000	TC-WS
OS-1	2017	100 Ton Open Stockpile of Sized Material	----	512,000	SW-WS
BC-2	2017	Belt Conveyor receives material from screen and transfers to open stockpile OS-2	133.3	512,000	TC-WS
OS-2	2017	100 Ton Open Stockpile of Sized Material	----	512,000	SW-WS
BC-3	2017	Belt Conveyor receives material from screen and transfers to open stockpile OS-3	133.3	512,000	TC-WS
OS-3	2017	100 Ton Open Stockpile of Sized Material	----	512,000	SW-WS
E-1	2015	Perkins C4.4 Diesel Engine, Ser.# 44620411	97.9 bhp/1,800 rpm		DDI, TC, ECM

¹ UD-PW - (Unloading)Partial Enclosure w/water spray; CS-PW - (Crushing and Screening)Partial Enclosure w/water spray; TC-PW - (Transfer and Conveying)Partial Enclosure w/water spray; SW-WS - (Storage) w/water spray; DDI - Electronic Direct Injection; TC- Turbocharged; ECM - Electronic Control Module

Control Devices (*Not Applicable*)

Control Device ID	Source ID No.	Emission Unit Description	Month/Year Constructed, Reconstructed, or Modified

Reciprocating Internal Combustion Engines

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
E-1	2015 Perkins C4.4 Diesel Engine, Ser.# 44620411	2017	97.9 / 1,800

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
E-1	Yes	No	No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.00	0.01
Unpaved Haulroads	5.37	10.30
Paved Haulroads	0.00	0.00
<i>Total Fugitive Emissions</i>	<i>5.37</i>	<i>10.31</i>
POINT SOURCE EMISSIONS		
Equipment Emissions	2.00	3.84
Transfer Point Emissions	0.61	1.17
<i>Total Point Source Emissions</i>	<i>2.61</i>	<i>5.01</i>
TOTAL FACILITY EMISSIONS		
<i>Total Facility Emissions</i>	<i>7.98</i>	<i>15.32</i>

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
E-1	2015 Perkins C4.4 Diesel Engine, Ser.# 44620411	Carbon Monoxide	0.34	0.65
		Nitrogen Oxides	0.63	1.21
		Volatile Organic Compounds	N/A	N/A
		Sulfur Dioxide	N/A	N/A
		PM ₁₀	N/A	N/A
		Formaldehyde	N/A	N/A